

(4th G) Handheld Raman Analyzer

ATR6500PH

Feature:

- Non-Destructive, Fast Detect & Identify, One-touch Operation;
- Advanced algorithm, mixture detection;
- HD 5.5" capacitive touch screen, smooth operation system;
- double cameras of 13-mega plus 8-mega;
- Barcode & QR scan
- Precision GPS positioning;
- Multiple modes of 4G, GPS, GPRS, Bluetooth, WIFI
- Self-Built Spectral Library
- Test results report export pdf
- Built-in Li battery continuous operation 4-6hrs
- Lightweight (450g) , easy-to-take
- IP-66 compliant

Application:

- Public Safety; Food Safety;
- Dangerous Chemicals Detect at High Speed Train, Metro Entrance
- APIs & Pharmaceutical Excipients;
- Gemstones & Materials Identification, Mineral sorting
- Experimental Research;
- Antique authentication;

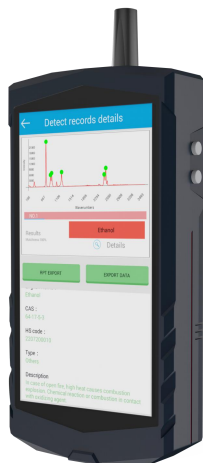
Description:

ATR6500 is the 4th generation handheld Raman analyzer, with compact size, lightweight (450g), and easy-to-held, it can be widely applied to industries of customs, public safety, lab, plant, warehouse, deck etc. It can fast detect drugs, precursor chemicals, explosives, gemstones, raw materials, and also fast identify additives, residues of pesticide & veterinary drugs.

Excellent spectral identification algorithm are embedded in Handheld Raman spectrometers to easily identify substance, and enable users to add their own spectral data. It employs Android system, simple interface, 5.5" high definition screen, double cameras of 13-mega plus 8-mega taking evidence pictures in the field, multiple modes of inbuilt WIFI, Bluetooth, GPS etc.

Optosky provides full technical support and services, including spectral library building, method & verification, IQ/OQ/PQ validation etc.

Intelligent Mobile Instrument Available in Your Hand!



Light Weight

450 g

ATR6500 System	
Operative System	Android operative system
Excitation Wavelength	785 ± 0.5nm
Wavenumber Range	200-4000 cm-1
Resolution	10 cm-1
Touch Screen	5.5", 1920×1080, c
Size	6.7"×3.1"×1.2"
Weight	450g
Interface	WIFI, USB Type-C, Bluetooth, GSM
Library	Free basic library>100entries Additional charging library>3000 entries
Export Report	Export report including detect result, spectral info, evident pictures
Battery	4-6 hour continuous operation
Charging Type	USB Type-C
Operating Temperature	-20 – 50 °C
Accessories	Optional Solid,liquid sample cell, immersion probe

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